DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. CISCP647

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as state relow next the name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>WIDE RANGE FREQUENCY OFFSET ESTIMATION IN OFDM SYSTEMS</u>, the specification of which,

(check one)	1. 🔲	is attached h	ereto.		
	2. 🛚	U.S. Applica	December 21, 1999 ation No. 09/469,715 ended on		
	3. 🔲	was filed on International and was ame	PCT Application No	as	
I hereby state that by any amendmen			nd the contents of the above-ident	ified specification, including the o	claims, as amended
I acknowledge the CFR § 1.56.	duty to disclos	se information	which is material to the examina	tion of this application in accorda	ance with Title 37,
patent or inventor' United States, liste	s certificate, or d below and ha	§ 365(a) of ar ve identified b	ny PCT International application	(a)-(d) or § 365(b) of any foreign which designated at least one counteign application for patent or involved which priority is claimed:	ntry other than the
Prior Foreign Ap	plication(s)			Priority Benefits	Claimed?
(Appl. No.)		(Country)	(Filing Date)	Yes \[\]No	
(Appl. No.)	· · · · · · · · · · · · · · · · · · ·	(Country)	(Filing Date)	Yes □No	
I hereby claim the	benefit under 35	5 U.S.C. §119((e) of any United States provisions	al application(s) listed below:	
Prior Provisional	Application(s)				
(Application No.)		– (Fili	ing Date)		
(Application No.)		(Fili	ing Date)		·

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applicati	on(s)					
(Application No.)		(Filing Date)	(Status - patented, pending, a	- patented, pending, abandoned)		
(Application No.)		(Filing Date)	(Status - patented, pending, a	s - patented, pending, abandoned)		
No. 38,352); Susan	C. Yi (Reg. No. 39	,883); Dan H. Lang (Re	g. No. 38,531) and Cindy S. I	. No. 36,653); Lee Van Pelt (Reg. Kaplan (Reg. No. 40,043) as my nark Office connected therewith:		
. Please Direct all Correspondence To:		Customer No.	21912			
Direct Telephone Ca	alls To:	Dan H. Lang at telephone number (650) 903-3507				
are believed to be tru made are punishable	ne; and further that the by fine or imprisonm jeopardize the validit	nese statements were made	e with the knowledge that willf a 1001 of Title 18 of the United	nts made on information and belief ful false statements and the like so states Code, and that such willful		
Sole or First Inventor		M. Gardner	Citizenship	p: <u>US</u>		
eventor's signature:		Date of Signature: 2/24/00		2/24/00		
Residence: (Ci	ty) San Jo	se	(State/Country) _	CA/USA		
Post Office Address:	4538 (Caraway Court, San Jose, C	CA 95129			
Full Name of Second Inventor (if any):		nt K. Jones IV	Citizenship:	US		
Inventor's signature	: <u>Uato</u>	1/n IV	Date of Signature:	2/24/00		
Residence: (Ci	ty) <u>Redwo</u>	oood Shores	(State/Country)	CA/USA		

2060 Seabrook Court, Redwood Shores, CA 94065

Post Office Address:

State of California County of SANIA CLARA	_ } ss.
On 2 24 00 before me,	MATT CERRULI
personally appeared	M. GARWER SIGNER(S)
MATT CERRUTI Comm. # 1153636 NOTARY PUBLIC - CALIFORNIA Santa Clara County My Comm. Expires Aug. 30, 2001	proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal. WITNESS my hand and official seal. **NFORMATION** In it could prevent fraudulent attachment of this acknowless.
CAPACITY CLAIMED BY SIGNER (PRINCIPAL)	DESCRIPTION OF ATTACHED DOCUMENT
☐ INDIVIDUAL ☐ CORPORATE OFFICER	Assignment of PATENT Application
TITLE(S) PARTNER(S) ATTORNEY-IN-FACT TRUSTEE(S) GUARDIAN/CONSERVATOR OTHER:	N/A NUMBER OF PAGES 2 17 00 DATE OF DOCUMENT N/A OTHER
SIGNER IS REPRESENTING: NAME OF PERSON(S) OR ENTITY(IES)	RIGHT THUMBPRINT OF SIGNER B B